

FULL VERSION OF ALL PENDING CLAIMS

1. (currently amended) An apparatus for performing configuration management relative to an aircraft, the apparatus comprising:

a portable computer having a processor and memory that connects configured to communicate with a plurality of components of the aircraft and to receive data transmitted from one or more modules of the aircraft components;

a web server module ~~resident in the computer that includes~~ executable by the processor to include at least some of the received data in one or more web pages web page markups to provide- providing a plurality of maintenance and/or engineering functions selectable by a user of the computer and performable via the computer as to one or more of the components of the aircraft; and

a web browser module ~~resident in the computer and configured~~ executable by the processor to display the one or more web page markups as one or more web pages on a display of the computer.

2. (previously presented) The apparatus of claim 1 wherein the maintenance and/or engineering functions comprise one or more of the following: a configuration management function, a software upgrade function, a health status function, and a troubleshooting function.

3. (currently amended) The apparatus of claim 1, the computer further comprising a configuration file resident in the computer for holding the received data, the server ~~configured~~ module executable by the processor to process data from the configuration file for inclusion in the one or more ~~web pages~~ web page markups.

4. (currently amended) The apparatus of claim 3, further comprising ~~one or more web page descriptions accessible by the server and one or more constructs included in the web page descriptions~~ markups, the computer further comprising a construct processing module configured with the server for execution by the processor

to use the data from the configuration file ~~and the web page descriptions~~ to produce the one or more ~~web pages~~ web page markups.

5. (currently amended) The apparatus of claim 4, further comprising a script executable by the processor through the server to activate the construct processing module.

6. (currently amended) The apparatus of claim 3, wherein the construct processing module ~~[[uses]]~~ is configured to use a common gateway interface of the server to obtain data from the configuration file.

7. (previously presented) The apparatus of claim 3, wherein the aircraft is included in a fleet managed via a network operations center, the computer further operable to deliver at least one of the data from the configuration file and the one or more web pages specific to a given one of the aircraft to the network operations center.

8. (currently amended) The apparatus of claim 1, the computer further operable to perform at least one of updating software included in at least one of the components of the aircraft, collecting performance data from at least one of the components of the aircraft, and operating a troubleshooting tool relative to at least one of the components of the aircraft.

9. (currently amended) An apparatus for performing configuration management relative to an aircraft, the apparatus comprising:

a portable computer having a processor and memory, the computer connectible with the aircraft to transmit data to and retrieve data from one or more modules ~~[[of]]~~ included in one or more components of the aircraft, the data pertaining to one or more maintenance and/or engineering functions performable as to the one or more components of the aircraft; and

a configuration file ~~resident in the computer that receives~~ configured in the computer to receive data transmitted from the one or more aircraft components;

wherein the computer formats the computer configured to dynamically format at least some of the data from the configuration file for presentation as one or more web pages to a user of the computer via a display of the computer, said formatting performed standalone by the processor using server and browser modules resident in the computer;

at least one of the web pages dynamically formattable to indicate aircraft hardware components and software subcomponents potentially affected by one of the maintenance actions.

10. (currently amended) The apparatus of claim 9, wherein the computer is configured to transmit a loadable software module to the one or more aircraft components to update one of the modules of the one or more aircraft components.

11. (previously presented) The apparatus of claim 10, the browser configured to display a web page based on input by the user to the computer.

12. (currently amended) The apparatus of claim 9 wherein the computer is configured to retrieve retrieves the data from the one or more aircraft components using a simple network management protocol.

13. (currently amended) The apparatus of claim 9 further comprising a construct processing module that updates executable by the processor to update the one or more web pages using one or more constructs.

14. (currently amended) A method of managing configuration of an aircraft, the method comprising:

connecting a computer to the aircraft for communication with one or more software modules resident in one or more components of the aircraft;

to obtain causing the computer to retrieve from the one or more modules data describing (a) one or more hardware components of the aircraft and (b) software resident in the one or more hardware components;

causing the data to be transferred from the aircraft to the computer; and
viewing the transferred retrieved data and one or more user-selectable
management functions relating to the retrieved data on a display of the computer in one
or more web pages formatted and displayed by a processor of the computer executing
server and browser modules resident in the computer.

15. (currently amended) The method of claim 14, further comprising
selecting a management function based on the transferred retrieved data, the selecting
performed using one of the one or more web pages.

16. (currently amended) The method of claim 14, wherein selecting a
management function comprises selecting one of the following: updating the software
resident in the one or more hardware components of included in the aircraft, collecting
performance data from the aircraft components, and operating a troubleshooting tool
relative to the aircraft components.

17. (currently amended) A ~~computer-implemented~~ method of providing
configuration management relative to an aircraft, the method performed by a portable
computer having a processor and memory, the method comprising:

~~connecting with and receiving data from the aircraft;~~
~~formatting the data in one or more web pages using a server module resident in~~
~~the computer;~~
~~displaying the one or more web pages using a browser module resident in the~~
~~computer; and~~
~~performing one or more maintenance functions as to the aircraft in response to~~
~~input from a user via the one or more web pages.~~

the processor causing the portable computer to access one or more components
of an aircraft and to retrieve data from the one or more components in response to a
user request received via a browser module and web server module of the portable
computer;

the processor executing the web server module to dynamically format at least some of the data retrieved from the one or more aircraft components into one or more web page markups for display as one or more web pages via the browser module;

the processor receiving user input via the browser module indicating a management function to be performed on at least one of the one or more aircraft components; and

the processor causing software to be downloaded from the portable computer to the at least one of the one or more components in response to the user input.

18. (currently amended) The method of claim 17, wherein ~~displaying the one or more web pages comprises~~ the processor causing the portable computer to access one or more line replaceable units of the aircraft, the method further comprising the processor displaying ~~causing~~ a ping status to be displayed for each of one or more of the one or more line replaceable units of the aircraft.

19. (currently amended) The method of claim 17, further comprising the processor wherein displaying the one or more web pages comprises displaying data describing (a) one or more hardware components of the aircraft and (b) software resident in the one or more hardware components.

20. (currently amended) The method of claim 17, further comprising transferring data to the one or more aircraft components based on user input from a user via one of the one or more web pages.

21. (previously presented) The method of claim 17, further comprising storing the data received from the aircraft in a configuration file of the computer.

22. (original) The method of claim 17, wherein the formatting comprises processing one or more constructs to include dynamic content in a web page.